

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/DE 03/02661

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04M3/42 H04M3/428

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DATABASE WPI Derwent Publications Ltd., London, GB; AN 2002-461208 XP002269324 CHOI PIL HEON: "MUSIC ON HOLDING SERVICE APPARATUS IN PRIVATE BRANCH EXCHANGE" & KR 2002 004 538 A (LG ELECTRONICS INC), 16 January 2002 (2002-01-16) abstract	1,2,8,11
X	US 5 572 586 A (OUCHI MASATOMO) 5 November 1996 (1996-11-05) column 2, line 63 -column 3, line 39; figure 1 -/ ---	1,2,8,11

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

6 February 2004

Date of mailing of the international search report

18/02/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 912 958 A (OSTERGAN DAVID ERIC ET AL) 15 June 1999 (1999-06-15) column 2, line 66 -column 3, line 18; figures 1,2 column 2, line 57 - line 63 ---	1-11
A	EP 0 987 846 A (SIEMENS INF & COMM NETWORKS) 22 March 2000 (2000-03-22) column 3, line 37 -column 4, line 48 -----	1-11

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/DE 03/02661

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
KR 2002004538	A	16-01-2002	NONE	
US 5572586	A	05-11-1996	JP 3080262 B2 JP 5276555 A	21-08-2000 22-10-1993
US 5912958	A	15-06-1999	NONE	
EP 0987846	A	22-03-2000	US 6526041 B1 EP 0987846 A2 JP 2000295354 A	25-02-2003 22-03-2000 20-10-2000